LISTING OF THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A ~~dialling~~ dialing error notification system for visiting subscribers in a visited mobile telephony network, a visiting subscriber being a subscriber from a home mobile telephony network different from the visited mobile telephony network, the dialing error notification system comprising:

a first node of the visited mobile telephony network comprising apparatus for analysing a number ~~dialled~~ dialed by [[a]] the visiting subscriber and determining whether said ~~dialled~~ dialed number complies with at least one predetermined error criterion;

a first apparatus for determining the identity of the home mobile telephony network based on the International Mobile Subscriber Identity of the visiting subscriber; and

a second apparatus for sending a short message with a ~~dialling~~ dialing error notification to the visiting subscriber if said ~~dialled~~ dialed number complies with at least one predetermined error criterion,

wherein the short message is sent based on the determined identity of the home mobile telephony network; ~~and~~

~~apparatus for determining the identity of the home mobile telephony network based on the International Mobile Subscriber Identity of the visiting subscriber~~.

2. (Previously Presented) The system according to claim 1, wherein said first node is a Service Control Point of the visited mobile telephony network.

3. (Currently Amended) The system according to claim 1, comprising:

a third apparatus for sending a message to an SS7-IP gateway from the first node of the visited mobile telephony network, said message being a message with instructions to send the short message;

a fourth apparatus for sending an http message to a short message sending server from said SS7-IP gateway, said http message being a message with instructions to send the short message;

the second apparatus for sending the short message addressed to the visiting subscriber to a Short Message Service Centre of the visited network from said short message sending server, upon receipt of said instructions by said short message sending server.

4. (Currently Amended) The system according to claim 1, further comprising apparatus for selecting text for the short message ~~text~~ based on the identity of the home mobile telephony network as determined by International Mobile Subscriber Identity of the visiting subscriber.

5. (Previously Presented) The system according to claim 3, wherein the short message sending server includes a database with short message texts and apparatus for selecting a short message text based on an indicator code included in the http message received from the SS7-IP gateway.

6. (Previously Presented) The system according to claim 3, wherein the http message includes at least one indicator code of a short message text and the mobile telephone number of the visiting subscriber to whom the short message is to be sent.

7. (Currently Amended) The system according to claim 1, further comprising a fifth apparatus for sending an initial control set-up message to [[a]] the first node, the initial control set-up message comprising at least the following data: the telephone number dialled by the visiting subscriber[[;]], the mobile telephone number of the visiting subscriber[[;]], and the International Mobile Subscriber Identity of the visiting subscriber.

8. (Currently Amended) The system according to claim 7, wherein the fifth apparatus for sending an initial control set-up message to the first node is comprised in ~~the~~ a Mobile Switching ~~Centres~~ Centre of the visited mobile telephony network, such that when a visiting subscriber in a cell corresponding to the Mobile Switching Centre dials a telephone number, said Mobile Switching Centre sends the initial control set-up message to the first node.

9. (Currently Amended) The system according to claim 1, further comprising a control apparatus for preventing a second short message with a ~~dialling~~ dialing error notification from being sent to a visiting subscriber if the time elapsed since a first short message with a ~~dialling~~ dialing error notification was sent to said visiting subscriber is less than a predetermined minimum time.

10. (Currently Amended) The system according to claim 1, wherein the error criteria include ~~one or several criteria~~ at least one criterion selected from ~~the~~ a group consisting of the following criteria:

[[- the]] a number ~~dialled~~ dialed begins with "+" followed by a sign different from a ~~figure~~ digit C, $1 \leq C \leq 9$;

[[- the]] a number ~~dialled~~ dialed begins with "00" followed by a sign different from a ~~figure~~ digit C, $1 \leq C \leq 9$;

[[- the]] a number ~~dialled~~ dialed is a 9-~~figure~~ digit number beginning with a ~~figure~~ digit which is not 6, 7, 8 or 9;

[[- the]] a number ~~dialled~~ dialed begins with "+" or "00" followed by a country code followed by an escape code not applicable for international ~~dialling~~ dialing to said country; and

[[- the]] a number ~~dialled~~ dialed is a number with fewer than 9 ~~figures~~ digits which is not a short code.

11. (Currently Amended) A ~~dialling~~ dialing error notification method for visiting subscribers in a visited mobile telephony network, a visiting subscriber being a subscriber from a home mobile telephony network different from the visited mobile telephony network, the method comprising the steps of:

(a) analysing in a first node of the visited mobile telephony network a number ~~dialled~~ dialed by the visiting subscriber and determining whether said number ~~dialled~~ dialed complies with at least one predetermined error criterion;

(b) determining the identity of the home mobile telephony network based on the International Mobile Subscriber Identity of the visiting subscriber;

[[(b)]] (c) sending at least one short message to the visiting subscriber if said ~~dialled~~ dialed number complies with at least one predetermined error criterion, said short message comprising at least one ~~dialling~~ dialing error notification,

wherein the short message is sent based on the determined identity of the home mobile telephony network[[;]]

~~(c) determining the identity of the home mobile telephony network based on the International Mobile Subscriber Identity of the visiting subscriber~~.

12. (Previously Presented) The method according to claim 11, wherein the first node is a Service Control Point of the visited mobile telephony network.

13. (Currently Amended) The method according to claim 11, ~~wherein~~ further comprising:

(d) based on the identity of the home mobile telephony network of the visiting subscriber as determined by the International Mobile Subscriber Identity of the visiting subscriber, ~~it is~~ determining whether the visiting subscriber has a right to a ~~dialling~~ dialing error notification service.

14. (Currently Amended) The method according to claim 13, wherein steps [[(c)]] (b) and (d) are carried out before step [[(b)]] (c).

15. (Currently Amended) The method according to claim 14, wherein steps [[(c)]] (b) and (d) are carried out before step (a).

16. (Currently Amended) The method according to claim 11, wherein step [[(b)]] (c) comprises:

sending a message to an SS7-IP gateway from a Service Control Point, said message being a message with instructions to send the short message;

sending an http message to a short message sending server from said SS7-IP gateway, said http message being a message with instructions to send the short message; and

sending the short message addressed to the visiting subscriber to a Short Message Service Centre of the visited network from said server, upon receipt of said instructions by said short message sending server.

17. (Previously Presented) The method according to claim 11, wherein text for the short message is selected based on the identity of the home mobile telephony network as determined by the International Mobile Subscriber Identity of the visiting subscriber.

18. (Currently Amended) The method according to claim 16, wherein text for the short message is selected based on the identity of the home mobile telephony network as determined by the International Mobile Subscriber Identity of the visiting subscriber[[;]], and the text is selected from a plurality of texts ~~comprised~~ stored in a database of the short message sending server based on an indicator code included in the http message received from the SS7-IP gateway.

19. (Previously Presented) The method according to claim 16, wherein the http message includes at least one indicator code indicating a short message text and the mobile telephone number of the visiting subscriber to whom the short message is to be sent.

20. (Currently Amended) The method according to claim 11, further comprising a first step comprising sending an initial control set-up message to the first node, the initial control set-up message comprising at least the following data: the telephone number ~~dialled~~ dialed by the visiting subscriber[[;]], the mobile telephone number of the visiting subscriber[[;]], and the International Mobile Subscriber Identity of the visiting subscriber.

21. (Currently Amended) The method according to claim 20, wherein the initial control set-up message is sent from a Mobile Switching Centre of the visited mobile telephony network corresponding to ~~the~~ a cell in which the visiting subscriber is located.

22. (Currently Amended) The method according to claim 11, further comprising before sending a short message with a ~~dialling~~ dialing error notification to the visiting subscriber, checking that a predetermined minimum time has elapsed since a previous short message with a ~~dialling~~ dialing error notification was sent to the same visiting subscriber, and if said predetermined minimum time has not elapsed, the short message with a ~~dialling~~ dialing error notification is not sent.

23. (Currently Amended) The method according to claim 11, wherein the error criteria include ~~one or several criteria~~ at least one criterion selected from ~~the~~ a group comprising the following criteria:

[[- the]] a number ~~dialled~~ dialed begins with "+" followed by a sign different from a ~~figure~~ digit C, $1 \leq C \leq 9$;

[[- the]] a number ~~dialled~~ dialed begins with "00" followed by a sign different from a ~~figure~~ digit C, $1 \leq C \leq 9$;

[[- the]] a number ~~dialled~~ dialed is a 9-~~figure~~ digit number beginning with a ~~figure~~ digit which is not 6, 7, 8 or 9;

[[- the]] a number ~~dialled~~ dialed begins with "+" or "00" followed by a country code followed by an escape code not applicable for international ~~dialling~~ dialing to said country; and

[[- the]] a number ~~dialled~~ dialed is a number with fewer than 9 ~~figures~~ digits which is not a short code.

24. (Currently Amended) The method according to claim 11, wherein the method is only carried out for visiting subscribers who are not provided with a CAMEL service O-CSI flag.